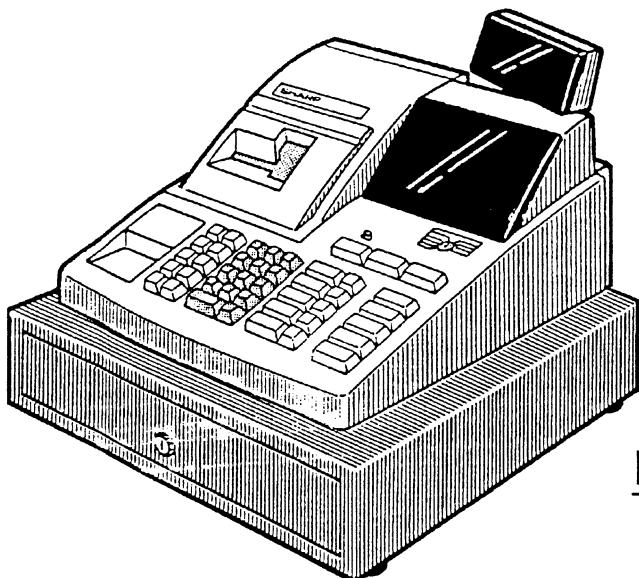


SHARP**INSTALLATION MANUAL**

CODE:00ZER1911SIME

**ELECTRONIC CASH REGISTER****ER-1911S** (Europe VER.)
MODEL ER-2386S (U.S.A. VER.)

SRV Key : LKGIM7113RCZZ

ER-1911S**CONTENTS**

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SHARP CORPORATION

This document has been provided for
service training program and is subject
to revision without notice.

INSTALLATION MANUAL FOR OPTION

1. LIST OF OPTION (Sales route options)

1) For ER-1911S

No.	Name	Model name	Country			Notes
			Germany	U.K.	Australia	
1	Coin case	ER-48CC2	O	O	—	
2	Coin case cover	ER-01CV1~5	O	O	—	
3	Key top kit	ER-11KT6	O	O	O	1 x 1 key top
		ER-12KT6	O	O	O	1 x 2 key top
		ER-22KT6	O	O	O	2 x 2 key top
		ER-11DK6	O	O	O	1 x 1 dummy key
		ER-51DK6	O	O	O	1 x 5 dummy key

2) For ER-2386S

No.	Name	Model name	Notes
1	Coin case	ER-55CC2	
2	Key top kit	ER-11KT6	1 x 1 key top
		ER-12KT6	1 x 2 key top
		ER-22KT6	2 x 2 key top
		ER-11DK6	1 x 1 dummy key
		ER-51DK6	1 x 5 dummy key

2. LIST OF OPTIONS (Service route options)

1) For ER-1911S

No.	Name	Parts code	Notes
1	Drawer fixing kit	DKIT8633RCZZ	
2	Shield plate kit	DKIT-3381RCZZ	ER-1911S the bottom cabinet kit is required
3	SRV key	LKGIM7113RCZZ	Service key
4	Key cover	GCOVB6985RCZZ	
5	OP key grip cover	LKGIM7126RCZZ	
6	Sub master key	LKGIM7129RCZZ	
7	Drawer bell kit	DKIT-8324RCZZ	

2) For ER-2386S

No.	Name	Parts code	Notes
1	Drawer fixing kit	DKIT-8633RCZZ	
2	SRV key	LKGIM7113RCZZ	
3	Key cover	GCOVB6985RCZZ	
4	OP key grip cover	LKGIM7126RCZZ	

3. INSTALLATION OF OPTIONS

3-1. Drawer fixing kit

The drawer fixing kit is used for securing the cash drawer when installing separately from the ECR main unit.

By using two of brackets, the drawer box can be protected from moving especially when it is filled with coins.

1) Parts list

KIT CODE: DKIT-8633RCZZ

No.	Parts code	Description	Price rank	Q'ty
1	LBRC-2321RCZZ	Fixing bracket	AN	2
2	XTPSD40P16000	Tapping screw M4 x 16	AA	4
3	XBSSD40P16000	Flat head screw M4 x 16 (For remote drawer)	AA	2
4	XUSSD40P20000	Flat head screw M4 x 20 (For standard drawer)	AA	2
5	XBPSD40P22000	Screw M4 x 22	AA	4
6	XNESD40-32000	Nut M4 x 32	AA	4

2) Installation procedure

① Turn over the drawer bottom side and remove rubber footing at two locations.

② Fasten the bracket together with the rubber footing using the pan head screw.

Pay attention for the installing direction of the bracket that the pan head screw can be inserted properly into the bracket.

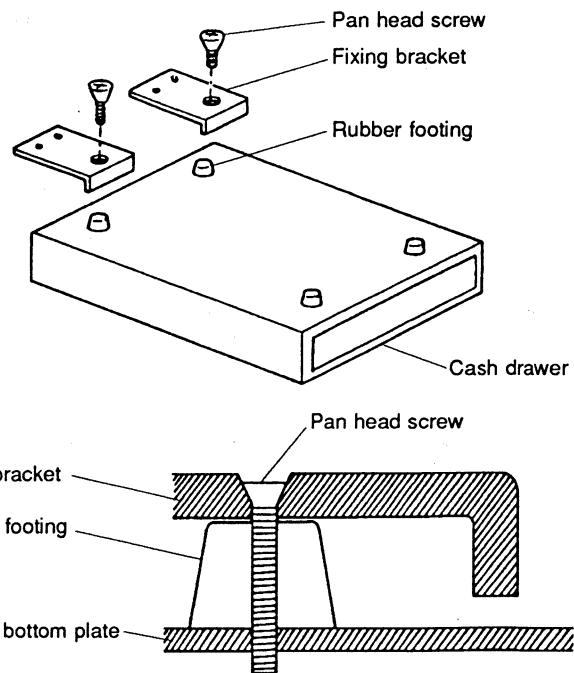


Fig.3-1

③ Fastening on the table:

Secure the fixing Bracket using the screw (Fig. 3-2).

If the thickness of the table is less than 15mm, bore a 4.5mm hole in the table and fasten it with the screw (XBPSD40P22000 - 4pcs.) and nut (XNESD40-32000 - 4pcs.)

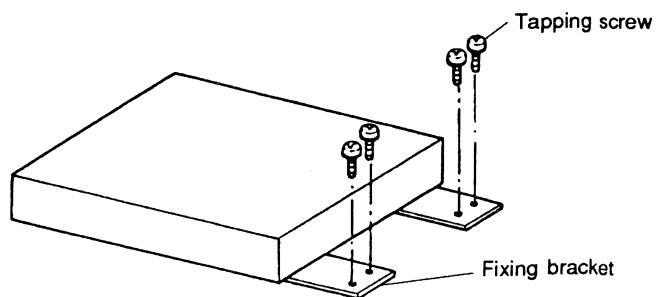


Fig.3-2

3-2. Drawer removal procedure (For ER-1911S)**1) Items required by models and destination**

Model name	Items required		Description
	Shield plate kit	Bottom cabinet	
ER-1911S	DKIT-3381RCZZ	GCABA7081RCZZ	Europe, UK, Austria

When removing the drawer from the ER-1911S, the bottom cabinet kit is required in addition to the shield plate kit (DKIT-3381RCZZ).

2) Parts list**① Shield plate kit (DKIT-3381RCZZ)**

Parts code	Description	Price rank	Q'ty	Remark
DUNTK9207RCZZ	Shield plate unit	AZ	1	
GLEGG6634RCZZ	Rubber foot	AB	4	
XUBSD30P14000	Screw	AA	4	For rubber foot
XWHSD30-05080	Washer	AA	4	For rubber foot
XUBSD30P08000	Screw	AA	1	For shild plate
XBSD30P35KS0	Screw	AA	1	For installation of the ER-1911S transformer.
XFPSD30P20000	Screw	AA	1	For installation of the ER-1911S printer.
XWHSD30-05080	Washer	AA	1	For installation of the ER-1911S printer.
LX-BZ6756RCZZ	Screw	AA	1	For installation of the ER-1911S bottom cabinet.
XBSD30P20KS0	Screw	AA	1	For installation of the ER-1911S ring core.
XNESD30-24000	Nut	AA	1	For installation of the ER-1911S ring core.
LBSHC6638RCZZ	Clamp	AA	2	
TLABS6871RCZZ	Inst manual	AE	1	

② Bottom cabinet

No.	Parts code	Description	Price rank	Q'ty
1	GCABA7081RCZZ	Bottom cabinet	BA	1

3) Procedure

No.	Description	Parts name	Parts code
1	Remove three top cabinet holding screws.		
2	Remove the grounding wire from the top of the drawer.		
3	Remove the ring core from the cabinet.		
4	Remove the top cabinet from the bottom cabinet. Remove the top cabinet from the drawer. Unfasten the transformer and drawer connectors.		
5	Remove the transformer holding screw.		
6	Remove the transformer cover from the drawer.		
7	Get the bottom cabinet ready.	Bottom cabinet	GCABA7081RCZZ
8	Insert the wire of the drawer solenoid microswitch in the clamp and install the clamp to the shield plate. Note that there is a microswitch wire provided for use with the UK version model. Note: Even for the drawer with no microswitch it is necessary to install a clamp to the shield plate without fail. This means that two clamps must be installed without exception.	Clamp	LBSHC6638RCZZ
9	Route the solenoid microswitch connector through the square hole beneath the bottom cabinet.		
10	Place the shield plate under the back of the bottom cabinet, and fasten the rubber footings with screw at four locations and at a center.	Shield plate unit Rubber footing Washer Screw for rubber footing Screw	DUNTK9207RCZZ { GITAU6745RCZZ TLABS6869RCZZ } GLEGG6634RCZZ XWHSD30-05080 XUBSD30P14000 XUBSD30P08000
11	Install the transformer cover to the rear right of the bottom cabinet and fasten the transformer with screws. (Use new screw for the ER-1911S)	Screw	XBPSD30P35KS0
12	Replace the top cabinet to the bottom cabinet. Fasten the transformer and drawer connectors as this point.		
13	Fasten the grounding wire.		
14	Fasten the ring core. (Use new screw and nut.)	Screw Nut	XBPSD30P20KS0 XNESD30-24000
15	Fasten the top cabinet with three screws. Use a new screw for the printer of the ER-1911S and for the one in the rear left.	Screw, printer Screw, rear left	XFPSD30P20000 XWHSD30-05080 LX-BZ6756RCZZ

Tailor the drawer solenoid microswitch wire to the size the user wants. Use the AWG22 wire for this.

4) Setting

Master reset

While pressing the journal feed key, rotate the MODE switch from SRV2 to SRV1 position.

ER-1911S

- Removal of the ER-1911S top cabinet, transformer

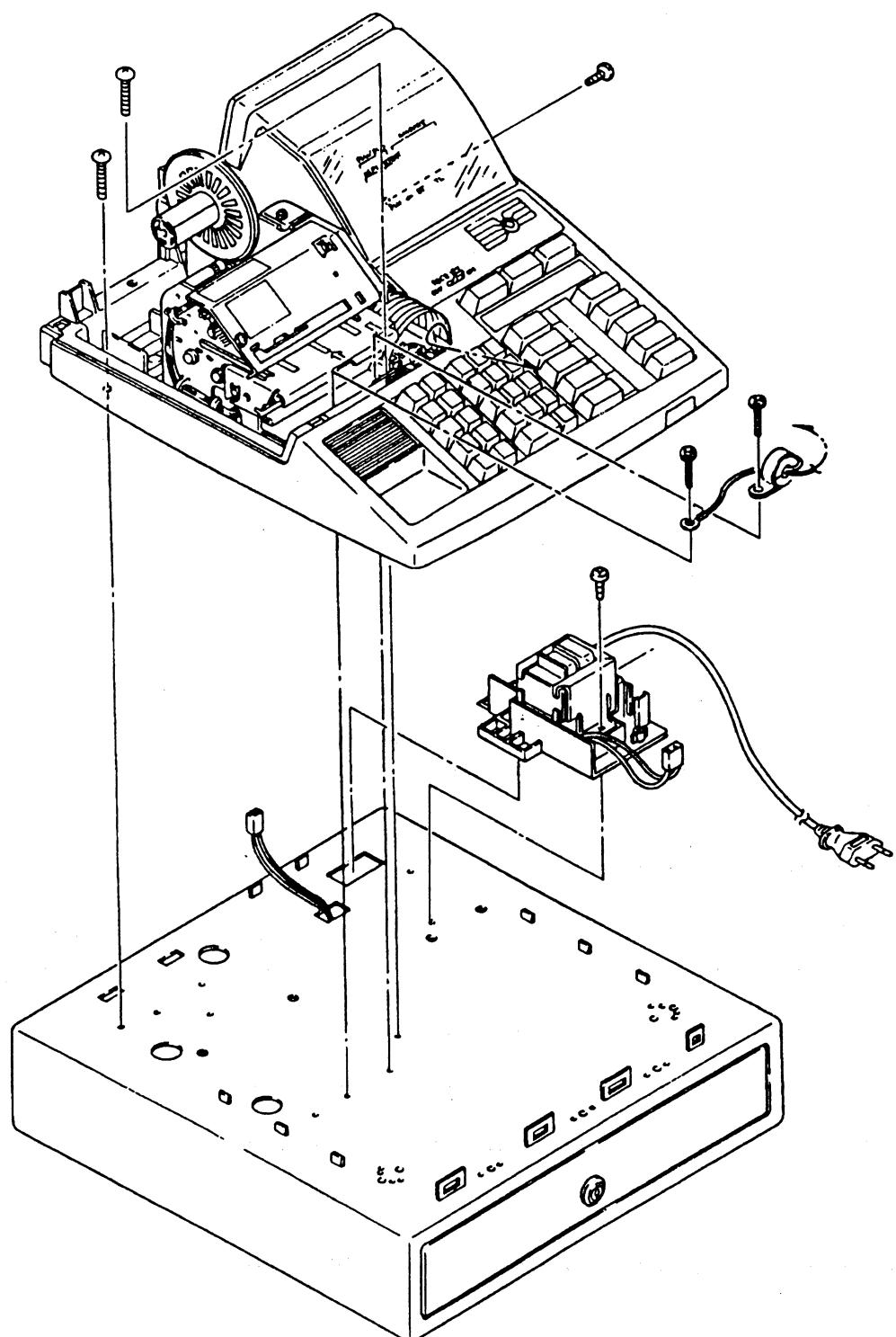


Fig. 3-3

ER-1911S

- ER-1911S assembly procedure

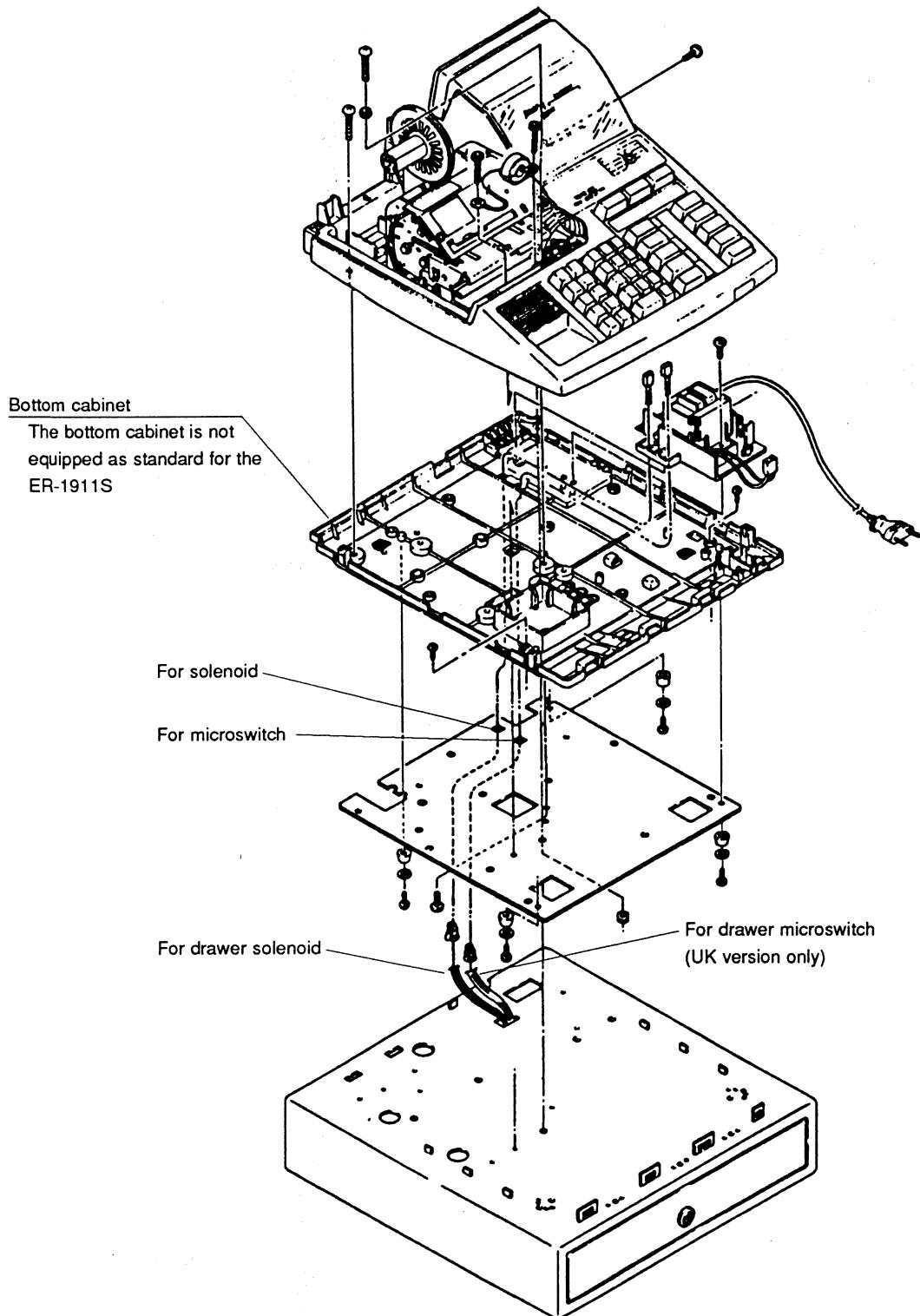


Fig. 3-4

3-3. Drawer bell kit

1) Parts list

DKIT-8324RCZZ

No.	Parts code	Description	Price rank	Q'ty
1	0AGRAL202MKSS	Bell	AC	1
2	0AGMLF230MKSS	Hammer unit	AC	1
3	0AGXBD806406N	Screw M4 x 6	AA	1
4	0AGXBD801408W	Screw M4 x 8	AA	1

2) Installation procedure

- ① Remove the drawer bottom plate.
- ② Install each component 1 to 4 as illustrated in Fig. 3-5.

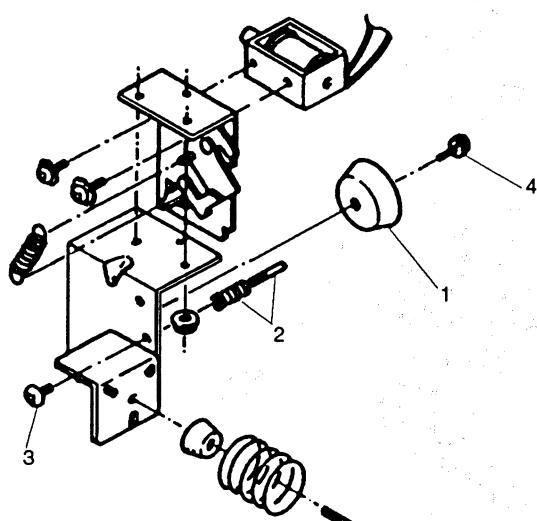


Fig.3-5

② ER-12KT6

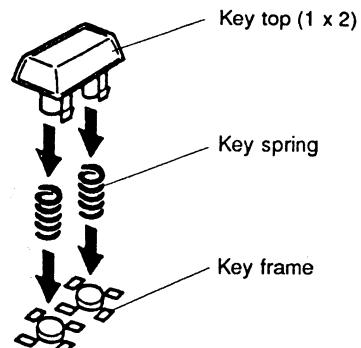


Fig. 3-7

③ ER-22KT6

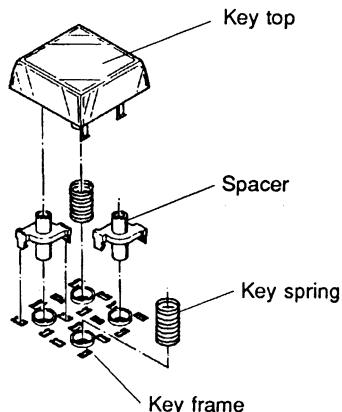


Fig. 3-8

④ Dummy key:

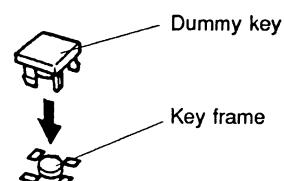


Fig. 3-9

3-4. Key top kit

1) List of key top kit

No.	Name	Description
1	ER-11KT6	1 x 1 key top
2	ER-12KT6	1 x 2 key top
3	ER-22KT6	2 x 2 key top
4	ER-11DK6	1 x 1 Dummy key
5	ER-51DK6	1 x 5 Dummy key

2) Installation procedure

① ER-11KT6

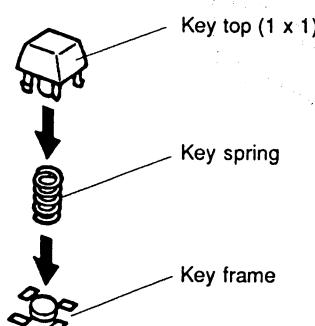


Fig. 3-6

3) Removing key top

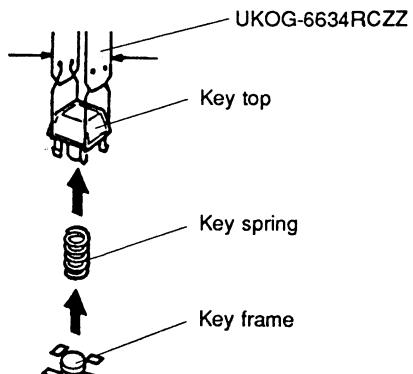


Fig. 3-10

4) SRV programming

JOB#904-A, B : Number of departments.

3-5. Note

The connector needs to be connected in a manner shown in the figure, when using the ER-1191S main PWB in ER-1911.

ER-1911S, ER-2386S Main PWB

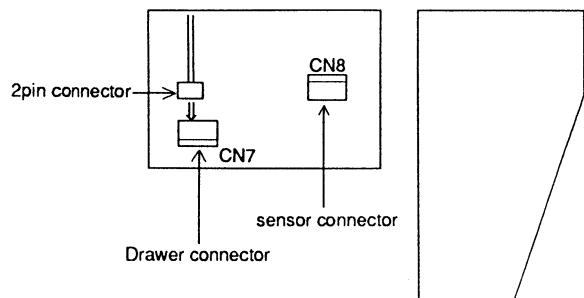


Fig. 3-11

The 2-pin connector must be inserted in the 2-pin on the left side of the drawer connector (CN7).

4. SERVICE PRECAUTION

When removing the top cabinet, lift it up in the first place as illustrated, then remove the transformer cable and remove the top cabinet.

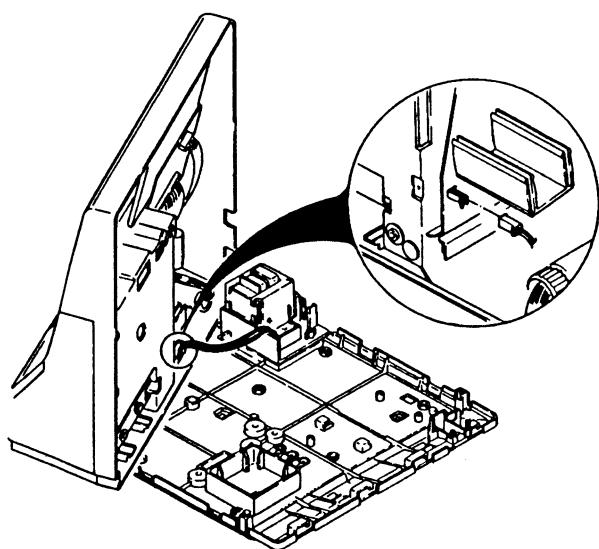


Fig. 4-1